BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work:Construction of fencing to Swimming pool at Allalasandra Lake premises in Ward No.04 Yelahanka New town

Agency:-M/s. D K NAGARAJA

SCHEDULE-B

SI NO	App Qty	Description of work	Approved Rates of M/s. D K NAGARAJA		
			Unit	Rate in Figures	Rate in Words
1	8.02	Dismantling of existing structures like culverts, Bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceble material and stacking the serviceble material with all lifts complete as per specifications. II. By mechanical means, A. Cement concrete Grade M-15 & M-20 and as per the direction of engineer in charge of work.	Cum	512.0	Rupees Five Hundred Twelve Only
2	518.3	Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification and as per the direction of engineer in charge of work.	Cum	205.0	Rupees Two Hundred Five Only
3	55.52	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications and as per the direction of engineer in charge of work.	Cum	5883.0	Rupees Five Thousand Eight Hundred Eighty Three Only
4	179.46	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons and as per the direction of engineer in charge of work.	Sqm	269.0	Rupees Two Hundred Sixty Nine Only
5	204.48	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications and as per the direction of engineer in charge of work.	Sqm	426.0	Rupees Four Hundred Twenty Six Only
6	77.41	Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications and as per the direction of engineer in charge of work.	Cum	7008.0	Rupees Seven Thousand Eight Only

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Project Division
Yelahanka Zone
BBMP, Bangalore-92

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NO	App Qty	Description of work	Approved Rates of M/s. D K NAGARAJA		
			Unit	Rate in Figures	Rate in Words
7	7.64	Providing TMT steel reinforcement Fe500 for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and as per the direction of engineer in charge of work.	tonne	70667.0	Rupees Seventy Thousand Six Hundred Sixty Seven Only
8	58.94	Providing and constructing granite size stone masonry in foundation cement mortor 1:6, stone hammered dressed in courses not less than 20cms high, bond stones at 2m. apart in each course including cost of materaials, labour, curing complete as per specifications and as per the direction of engineer in charge of work.	Cum	4882.0	Rupees Four Thousand Eight Hundred Eighty Two Only
9	80.07	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications and as per the direction of engineer in charge of work.	Cum	5835.0	Rupees Five Thousand Eight Hundred Thirty Five Only
10	327	Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications and as per the direction of engineer in charge of work.	Sqm	113.0	Rupees One Hundred Thirteen Only
11	11.14	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.530 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications and as per the direction of engineer in charge of work.	Cum	6344.0	Rupees Six Thousand Three Hundred Forty Four Only
12	329.7	Providing and constructing precast concrete solid blocks with compressive strength not less than 3.5 Newton with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x15x20cms conforming to I.S. 2185 of 1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications and as per the direction of engineer in charge of work.	Sqm	- 1057.0	Rupees One Thousand Fifty Seven Only
13	659.4	:Providing 20mm thick cement plaster in single coat with cement mortar 1:6, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per the direction of engineer in charge of work.	Sqm	242.0	Rupees Two Hundred Forty Two Only
14	659.4	Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer and as per the direction of engineer in charge of work.	Sqm	97.0	Rupees Ninety Seven Only

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NO	App Qty	Description of work	Approved Rates of M/s. D K NAGARAJA		
			Unit	Rate in Figures	Rate in Words
15	93	Fabricating, providing and erecting in poiston of MS Hot dip galvanised Sq. Hallow Poles of 132X132 Heavy gauge of length 3000mm with MS. Hot dip Galvanised grill work as per approved design and drawing of chief architect. Using 12X75mm galvanised flat for alround frame and 20X20mm galvanised forged design with squarefor vertical at 150mmC/C as shown in the drawing including providing forged ornamental arrowhead at top and bottom. The work is inclusive of throughing flat, square rods, placing welding all the joints, including grinding, finishing 2 coats of anticorrosive paint over one coat of metal primer. The rate is inclusive of all materials li MS. Hollow galvanised pipe, flats, forged square rods, cost of labour for all items of work cost painting, welding, cutting, grinding with all lead and lift as per specification including loading and unloading with cost and conveyance of all materials, labour, machinery and incidental charges for the successful completion of the work as per the direction of the engineer-in-charge of the work and as per the direction of engineer in charge of work.	Kg	10058.0	Rupees Ten Thousand Fifty Eight Only
16	7999.2	Fabrication supplying and erecting M.S. tubular trusses of all spans as per approved drawing & design with prefabricated steel applications using quality material and are durable, reliable and corrosion and abrasion resistant. Welding shall confirm to latest structural welding code. Quality shall be on various parameters like shape, size, design gauge and polish. The entire trusses is anchored in RCC column by using 4 nos of M.S. anchor bolts at each support with 10mm thick base plate and shoe piate. The work includes cutting, straightening placing in position of M.S. pipes and welding wherever necessary and applying one coat of redoxide primer coat to all the members including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, letc., complete as per specification	Kg	130.0	Rupees One Hundred Thirty Only
17	20.1	Fabricating, Providing and Errecting in position Hot Dip Galvanised gate Using 72X72X4.8mm square GI pipe frame with top pipe Bending in heavy duty Hydraulic press with sand packing and hot bending to form double arch as per drawing profile , 20mm hot dip galvanised sq rod for verticals at 150mm C/C as shown in the drawing including providing hot dip galvanised forged ornamental design in between sq roads and heads at top , middle, bottom. intermediate supports of 75X12mm and 50X6mm arch bend to hot dip galvanised flats the work is inclusive of throughing GI flat Gi square rods, placing , welding all the joints including grinding , finishing metal puuty , painting two coats enamel painting . the rate is inclusive of all materials like GI square pipe GI Square rods GI froged Designs etc Heavy duty Hinges are made out of 75mm soild SQ. Block assembled wit 20mm dia bearing in 3 Places for each flop Heavy duty locking arrangements at tow places including cost of labour painting errecting charges using hoist pulley cranes with all lead and lift , loading, transportation, unloading, scaffolding charges and all other incidental charges for successful completion of the work as per directions of the	Sqm	13722.0	Rupees Thirteen Thousand Seven Hundred Twenty Two Only

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NO	App Qty	Description of work	Approved Rates of M/s. D K NAGARAJA		
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18	24.6	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members as shown in the drawing etc., complete. All the steel surface should bethoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specification and as per the direction of engineer in charge of work.	Sqm	3421.0	Rupees Three Thousand Four Hundred Twenty One Only
19	24.6	Painting:-Providing and applying two coats of ready- mix paint of approved brand after through cleaning of surface to give an even shade complete as per specifications and as per the direction of engineer in charge of work.	Sqm	66.0	Rupees Sixty Six Only
20	330	PROVIDING TRAPEZOIDAL PROFILED SHEET Providing and installing of pre painted Galvolume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses and as per the direction of engineer in charge of work.	Sqm	897.0	Rupees Eight Hundred Ninety Seven Only
21	28300	Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications, (which includes cost of gravel / murrum, watering charges & compaction by vibratory roller) and as per the direction of engineer in charge of work.	Cum	352.0	Rupees Three Hundred Fifty Two Only
22	140	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineerin - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) and as per the direction of engineer in charge of work.	Mtr	954.0	Rupees Nine Hundred Fifty Four Only

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NO	App Qty	Description of work	Approved Rates of M/s. D K NAGARAJA		
			Unit	Rate in Figures	Rate in Words
23	300	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint and as per the direction of engineer in charge of work.	Sqm	768.0	Rupees Seven Hundred Sixty Eight Only
24	300	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint and as per the direction of engineer in charge of work.	Mtr	377.0	Rupees Three Hundred Seventy Seven Only

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